

## **FCC Appendix RF Test Data**

**FCC ID** : 2BOX2-M66PRO

**Company:** : Shenzhen Zhuozuan Technology Co., Ltd.

**EUT** : Tablet computer

**Model Number** : M66 Pro

**Report No.** : CTA25032100311

**Reviewed By** : Eric Wang

## Appendix A: DTS Bandwidth

### Test Result

| TestMode  | Antenna | Frequency[MHz] | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|----------------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412           | 9.520        | 2407.040 | 2416.560 | 0.5        | PASS    |
|           |         | 2437           | 8.880        | 2432.000 | 2440.880 | 0.5        | PASS    |
|           |         | 2462           | 9.080        | 2456.960 | 2466.040 | 0.5        | PASS    |
| 11G       | Ant1    | 2412           | 15.720       | 2404.480 | 2420.200 | 0.5        | PASS    |
|           |         | 2437           | 15.680       | 2429.480 | 2445.160 | 0.5        | PASS    |
|           |         | 2462           | 16.320       | 2453.880 | 2470.200 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412           | 16.200       | 2404.440 | 2420.640 | 0.5        | PASS    |
|           |         | 2437           | 16.280       | 2429.080 | 2445.360 | 0.5        | PASS    |
|           |         | 2462           | 16.760       | 2453.800 | 2470.560 | 0.5        | PASS    |
| 11N40SISO | Ant1    | 2422           | 35.520       | 2404.480 | 2440.000 | 0.5        | PASS    |
|           |         | 2437           | 35.120       | 2419.480 | 2454.600 | 0.5        | PASS    |
|           |         | 2452           | 35.520       | 2434.080 | 2469.600 | 0.5        | PASS    |

## Test Graphs

11B\_Ant1\_2412



11B\_Ant1\_2437



11B\_Ant1\_2462



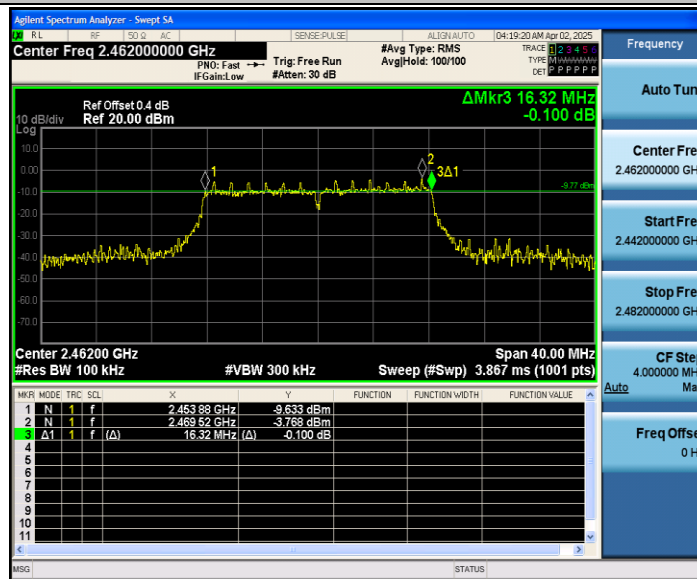
11G\_Ant1\_2412



11G\_Ant1\_2437



# 11G\_Ant1\_2462



# 11N20SISO\_Ant1\_2412



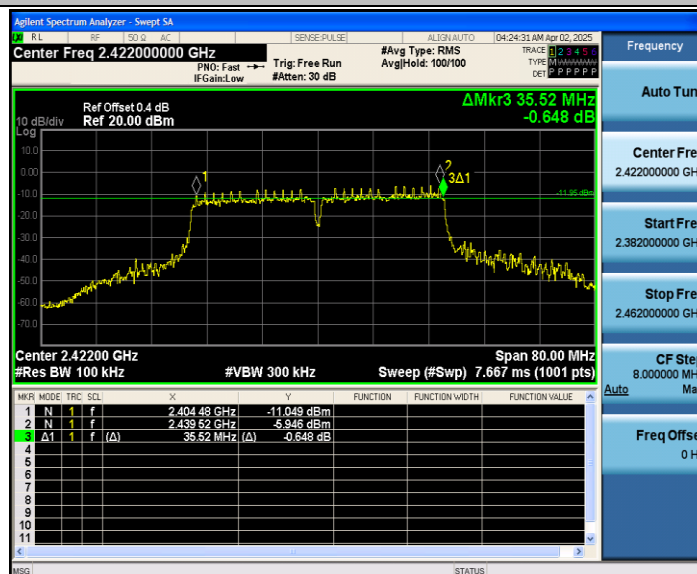
# 11N20SISO\_Ant1\_2437



11N20SISO\_Ant1\_2462



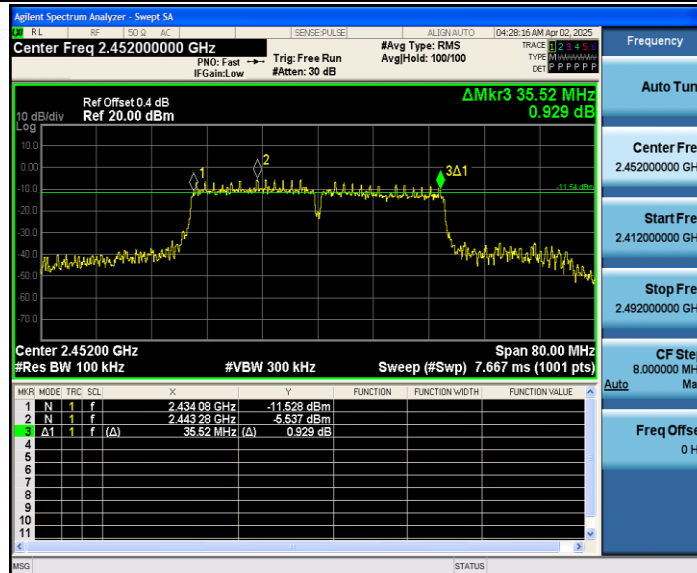
11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452



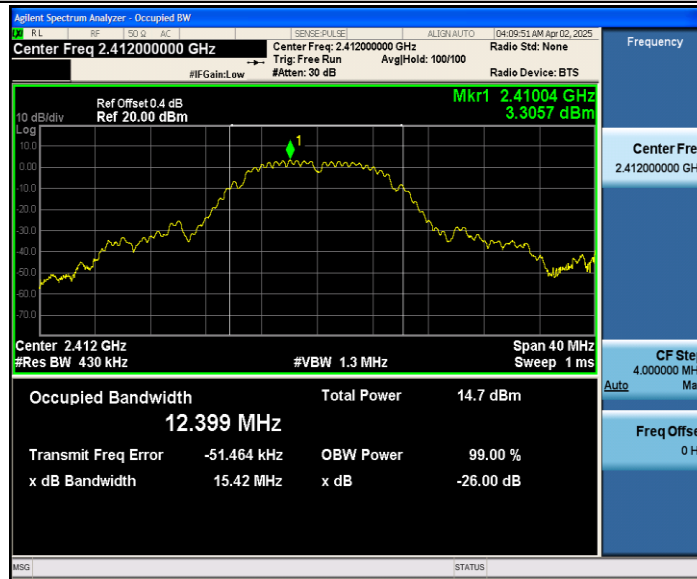
## Appendix B: Occupied Channel Bandwidth

### Test Result

| TestMode  | Antenna | Channel<br>Frequency[MHz] | OCB<br>[MHz] | FL[MHz]   | FH[MHz]   | Limit[MHz] | Verdict |
|-----------|---------|---------------------------|--------------|-----------|-----------|------------|---------|
| 11B       | Ant1    | 2412                      | 12.399       | 2405.7490 | 2418.1480 | ---        | ---     |
|           |         | 2437                      | 11.708       | 2430.9951 | 2442.7031 | ---        | ---     |
|           |         | 2462                      | 12.731       | 2455.4368 | 2468.1678 | ---        | ---     |
| 11G       | Ant1    | 2412                      | 16.805       | 2403.7606 | 2420.5656 | ---        | ---     |
|           |         | 2437                      | 16.632       | 2428.8307 | 2445.4627 | ---        | ---     |
|           |         | 2462                      | 16.980       | 2453.5948 | 2470.5748 | ---        | ---     |
| 11N20SISO | Ant1    | 2412                      | 17.926       | 2403.2407 | 2421.1667 | ---        | ---     |
|           |         | 2437                      | 17.691       | 2428.2934 | 2445.9844 | ---        | ---     |
|           |         | 2462                      | 18.010       | 2453.1380 | 2471.1480 | ---        | ---     |
| 11N40SISO | Ant1    | 2422                      | 36.223       | 2404.2327 | 2440.4557 | ---        | ---     |
|           |         | 2437                      | 36.058       | 2419.0558 | 2455.1138 | ---        | ---     |
|           |         | 2452                      | 36.315       | 2433.8798 | 2470.1948 | ---        | ---     |

## Test Graphs

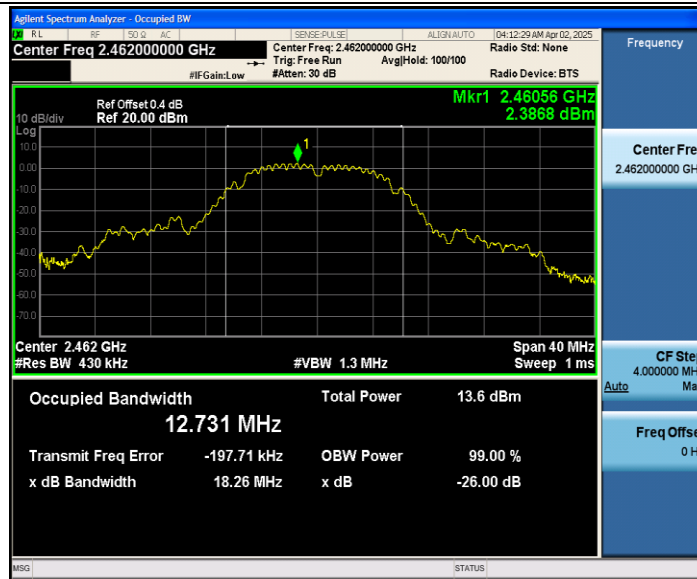
11B\_Ant1\_2412



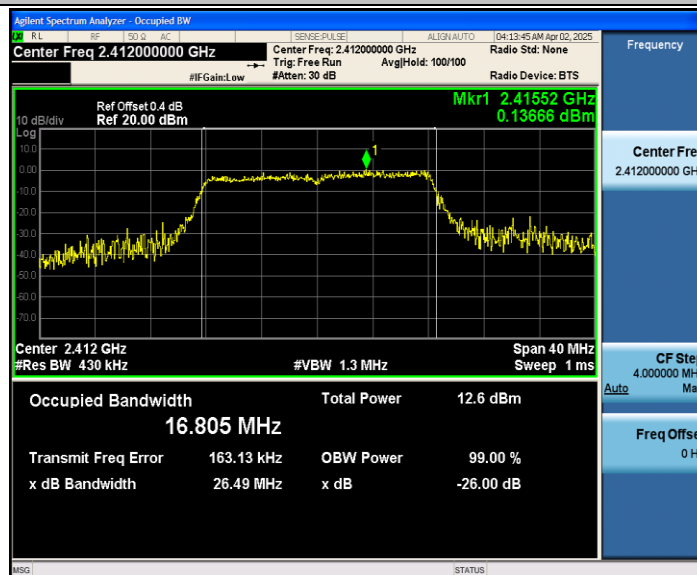
11B\_Ant1\_2437



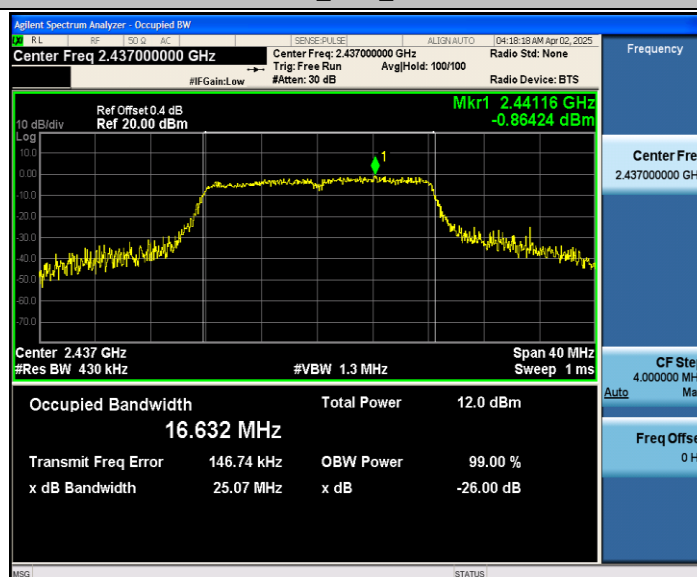
11B\_Ant1\_2462



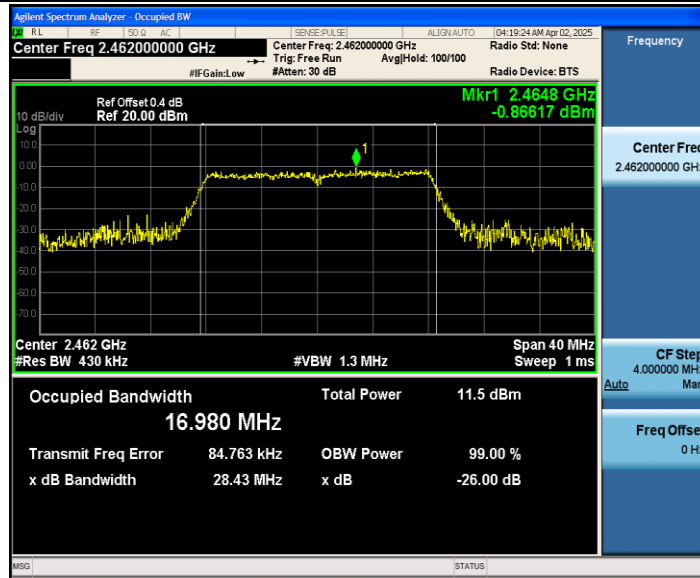
11G\_Ant1\_2412



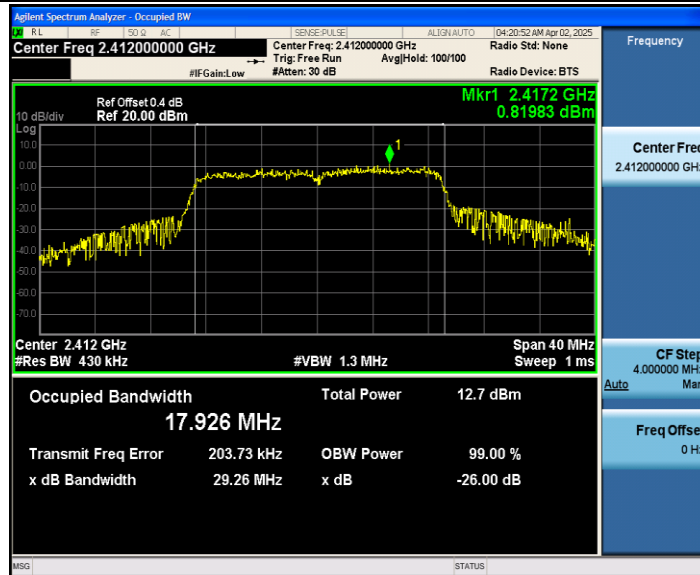
11G\_Ant1\_2437



# 11G\_Ant1\_2462



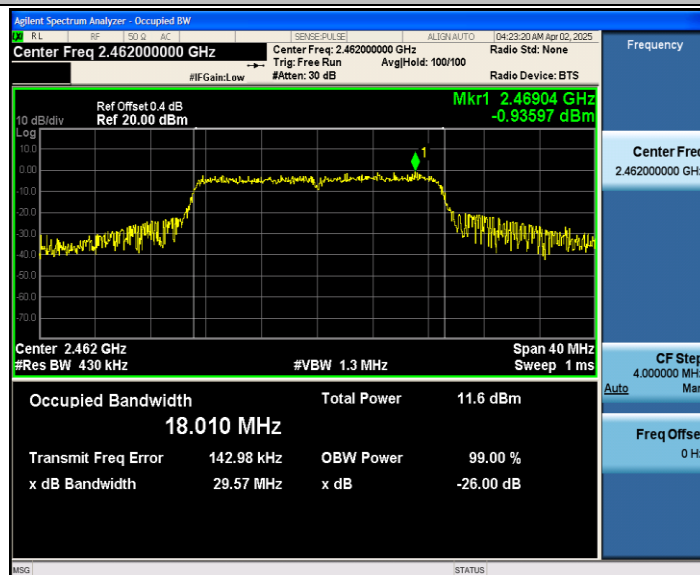
# 11N20SISO\_Ant1\_2412



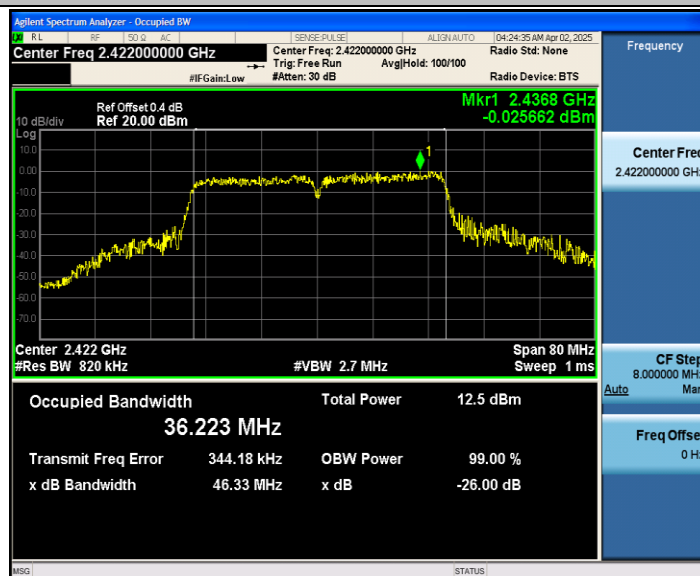
# 11N20SISO\_Ant1\_2437



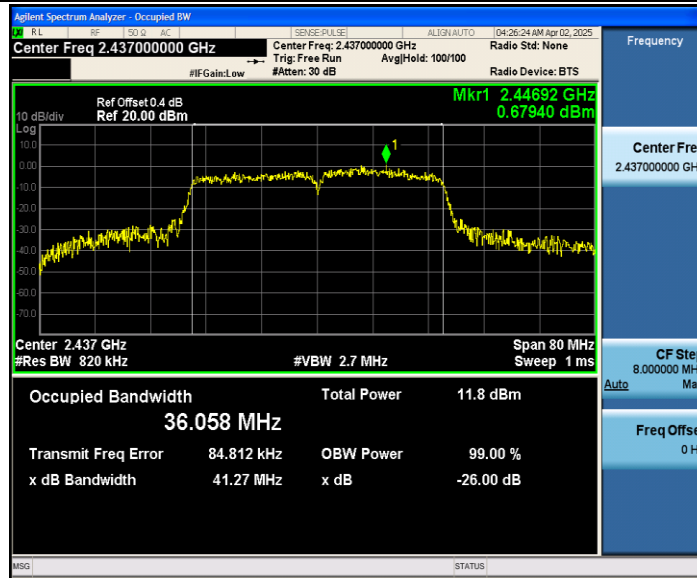
11N20SISO\_Ant1\_2462



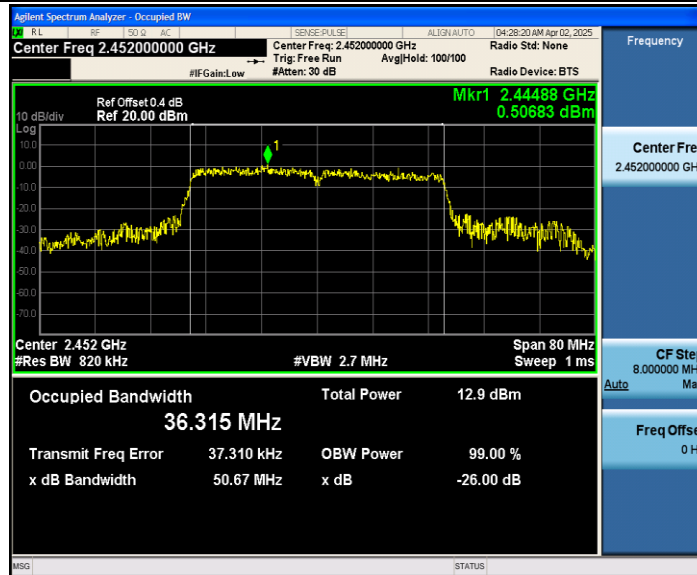
11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452



## Appendix C: Maximum conducted output power

### Test Result Peak

| Test Mode | Antenna | Frequency[MHz] | Peak power [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|------------------|-------------|---------|
| 11B       | Ant1    | 2412           | 14.59            | ≤30.00      | PASS    |
|           |         | 2437           | 13.26            | ≤30.00      | PASS    |
|           |         | 2462           | 13.39            | ≤30.00      | PASS    |
| 11G       | Ant1    | 2412           | 13.26            | ≤30.00      | PASS    |
|           |         | 2437           | 12.47            | ≤30.00      | PASS    |
|           |         | 2462           | 12.20            | ≤30.00      | PASS    |
| 11N20SISO | Ant1    | 2412           | 13.14            | ≤30.00      | PASS    |
|           |         | 2437           | 12.58            | ≤30.00      | PASS    |
|           |         | 2462           | 12.07            | ≤30.00      | PASS    |
| 11N40SISO | Ant1    | 2422           | 12.51            | ≤30.00      | PASS    |
|           |         | 2437           | 11.98            | ≤30.00      | PASS    |
|           |         | 2452           | 13.05            | ≤30.00      | PASS    |

## Appendix D: Maximum power spectral density

### Test Result

| TestMode  | Antenna | Frequency[MHz] | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|----------------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412           | -11.13               | ≤8.00           | PASS    |
|           |         | 2437           | -12.60               | ≤8.00           | PASS    |
|           |         | 2462           | -12.39               | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412           | -17.62               | ≤8.00           | PASS    |
|           |         | 2437           | -19.00               | ≤8.00           | PASS    |
|           |         | 2462           | -18.89               | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412           | -18.94               | ≤8.00           | PASS    |
|           |         | 2437           | -19.96               | ≤8.00           | PASS    |
|           |         | 2462           | -20.63               | ≤8.00           | PASS    |
| 11N40SISO | Ant1    | 2422           | -22.12               | ≤8.00           | PASS    |
|           |         | 2437           | -22.54               | ≤8.00           | PASS    |
|           |         | 2452           | -22.06               | ≤8.00           | PASS    |

## Test Graphs

11B\_Ant1\_2412



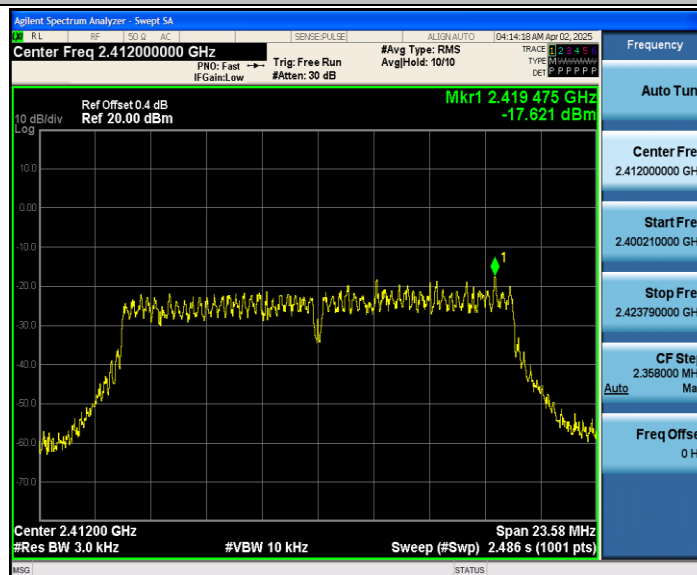
11B\_Ant1\_2437



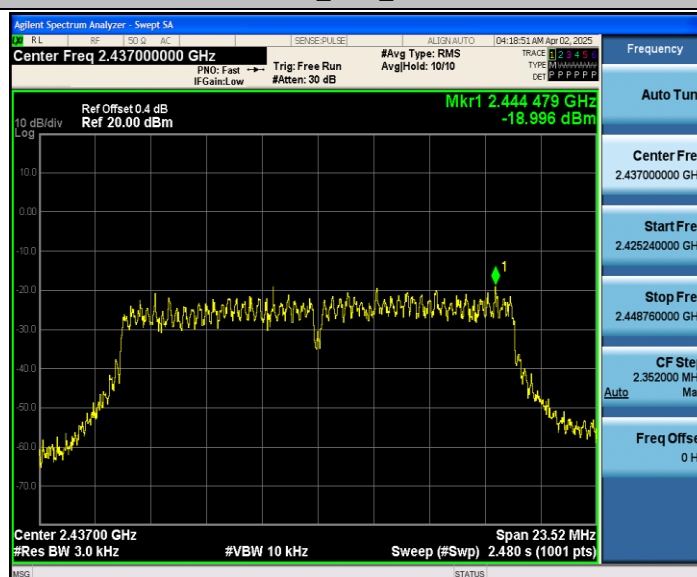
11B\_Ant1\_2462



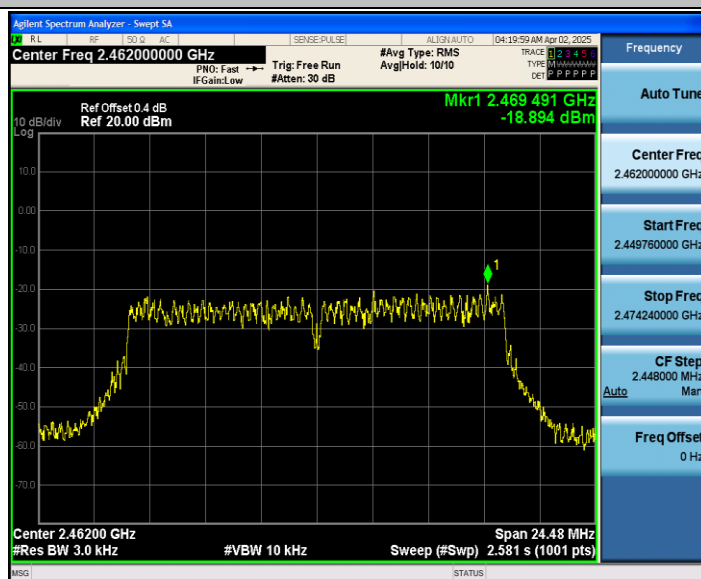
11G\_Ant1\_2412



11G\_Ant1\_2437



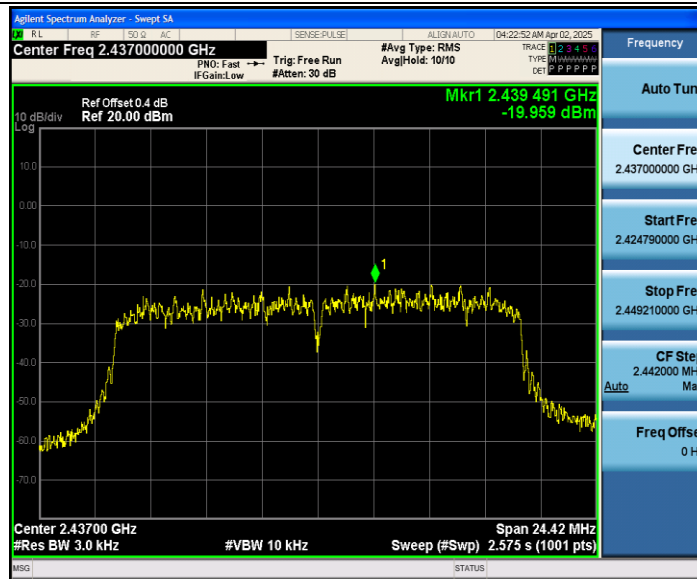
# 11G\_Ant1\_2462



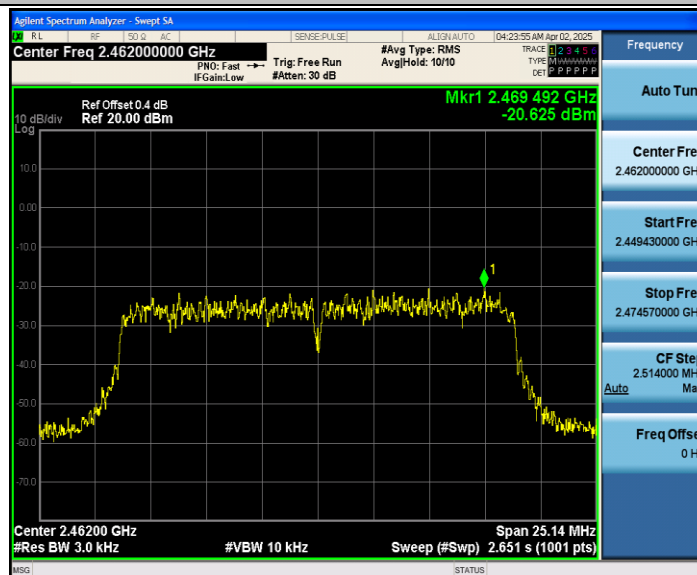
# 11N20SISO\_Ant1\_2412



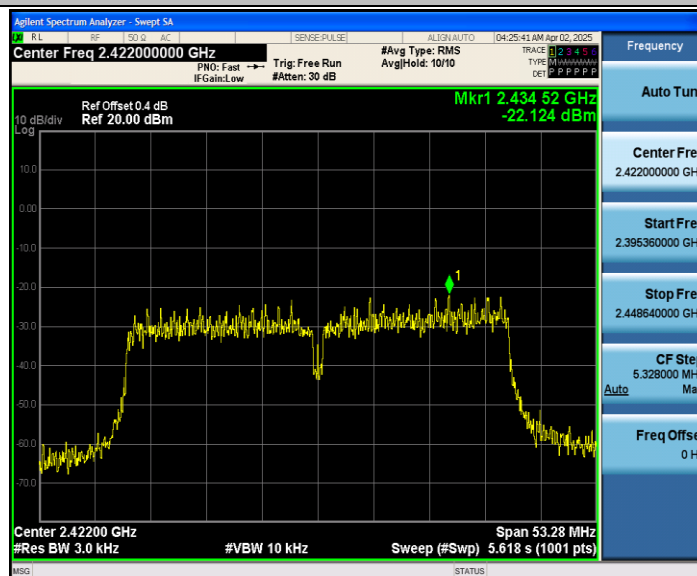
# 11N20SISO\_Ant1\_2437



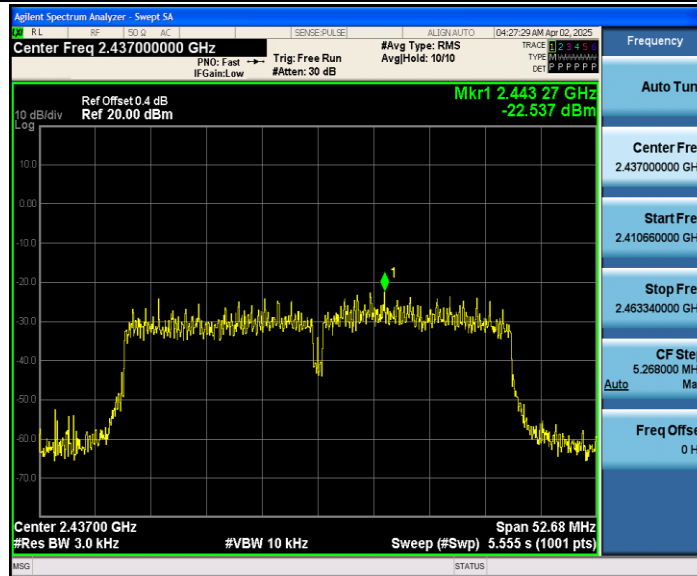
11N20SISO\_Ant1\_2462



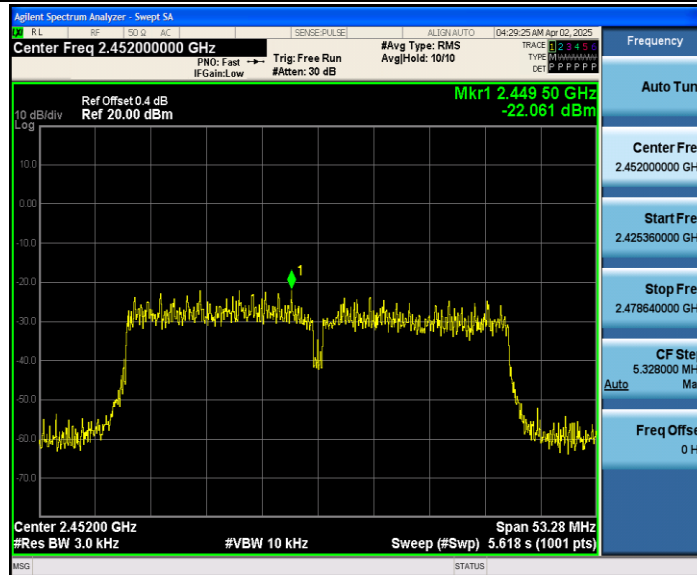
11N40SISO\_Ant1\_2422



# 11N40SISO\_Ant1\_2437



# 11N40SISO\_Ant1\_2452



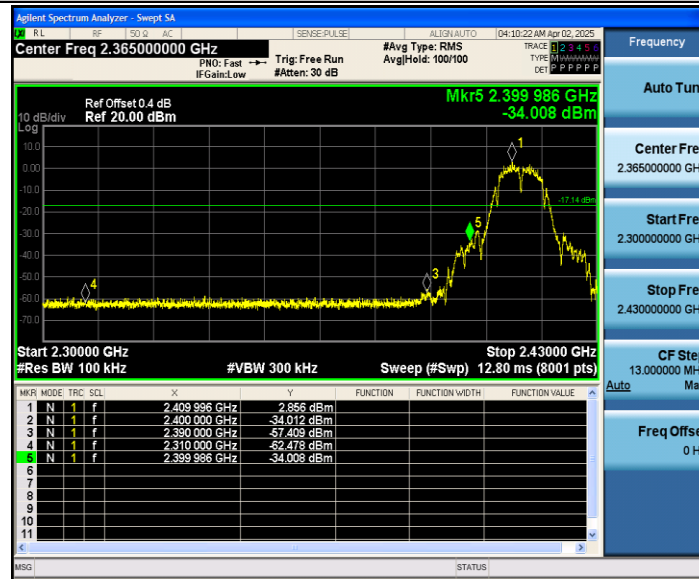
## Appendix E: Band edge measurements

### Test Result

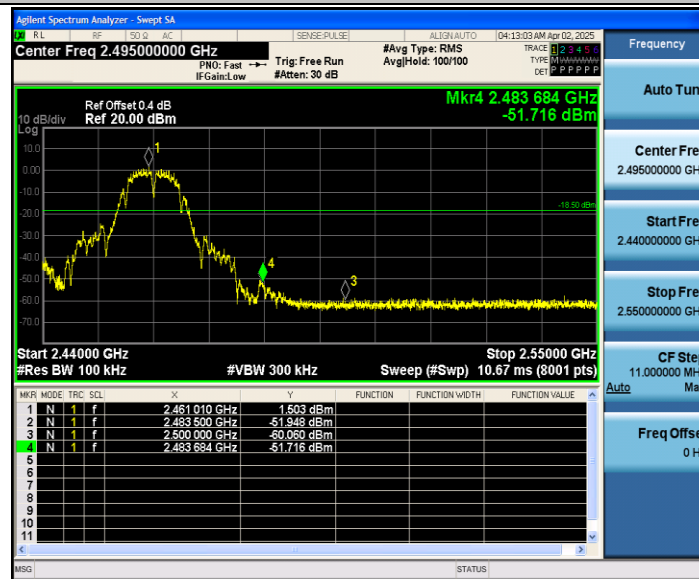
| TestMode  | Antenna | Channel Name | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm] | Verdict |
|-----------|---------|--------------|----------------|---------------|-------------|------------|---------|
| 11B       | Ant1    | Low          | 2412           | 2.86          | -34.01      | ≤-17.14    | PASS    |
|           |         | High         | 2462           | 1.50          | -51.72      | ≤-18.5     | PASS    |
| 11G       | Ant1    | Low          | 2412           | -2.40         | -36.39      | ≤-22.4     | PASS    |
|           |         | High         | 2462           | -3.78         | -39.12      | ≤-23.78    | PASS    |
| 11N20SISO | Ant1    | Low          | 2412           | -2.42         | -35.86      | ≤-22.42    | PASS    |
|           |         | High         | 2462           | -4.19         | -39.49      | ≤-24.19    | PASS    |
| 11N40SISO | Ant1    | Low          | 2422           | -6.09         | -39.37      | ≤-26.09    | PASS    |
|           |         | High         | 2452           | -5.72         | -36.4       | ≤-25.72    | PASS    |

## Test Graphs

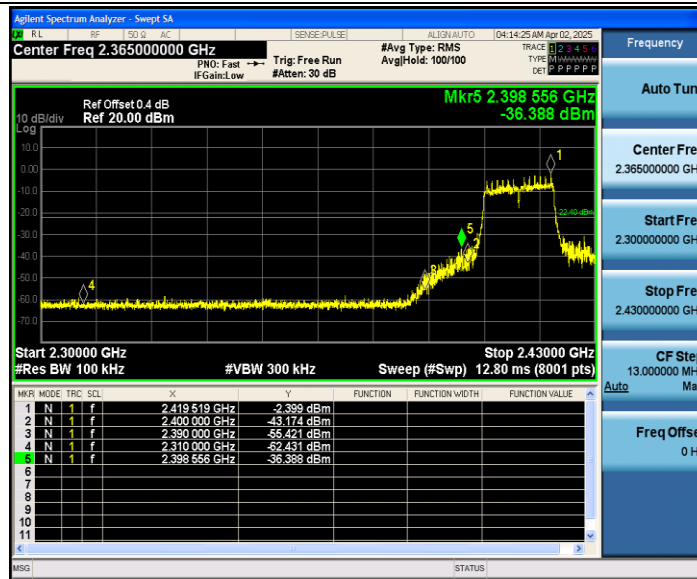
11B\_Ant1\_Low\_2412



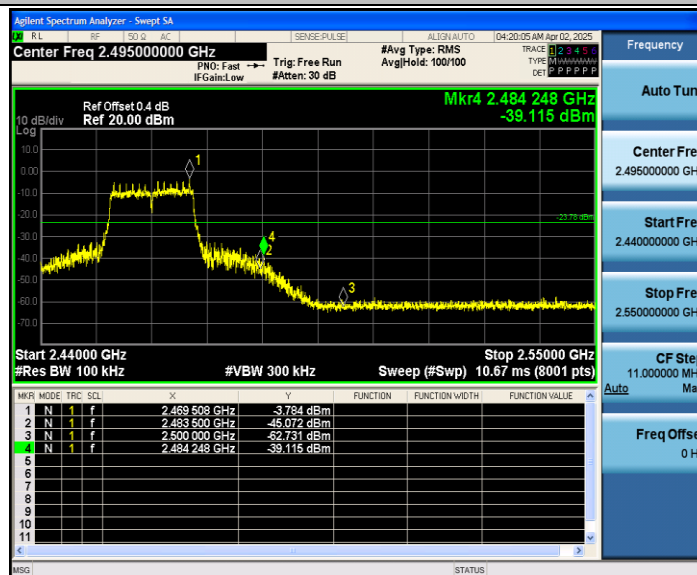
11B\_Ant1\_High\_2462



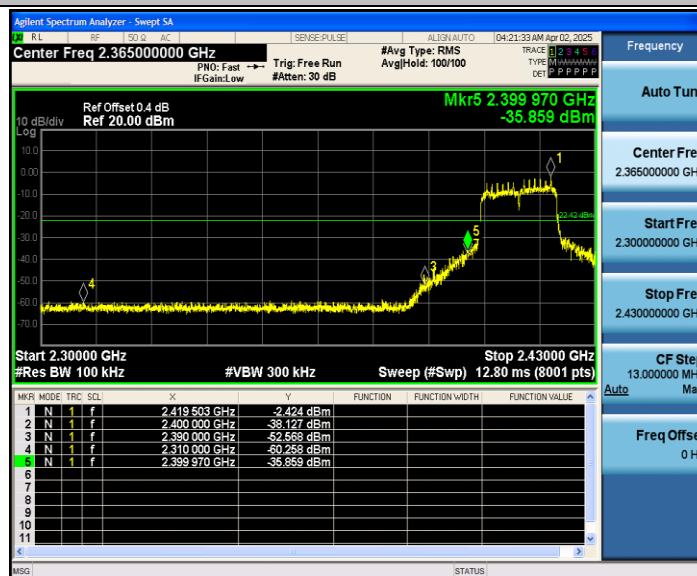
11G\_Ant1\_Low\_2412



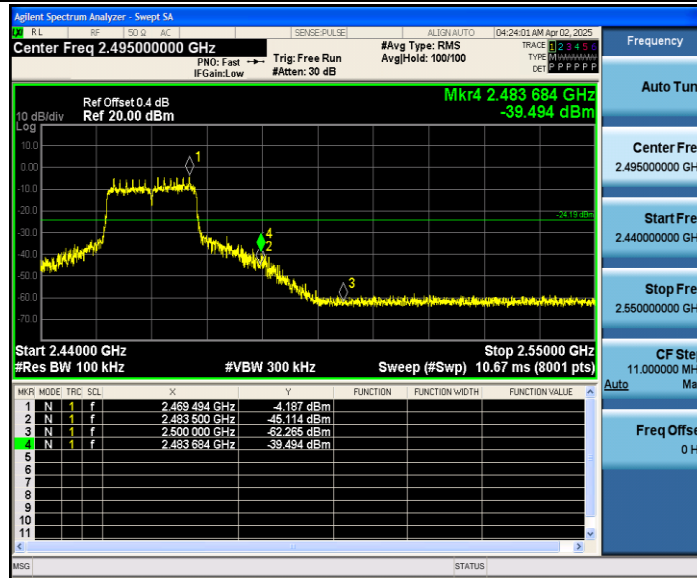
11G\_Ant1\_High\_2462



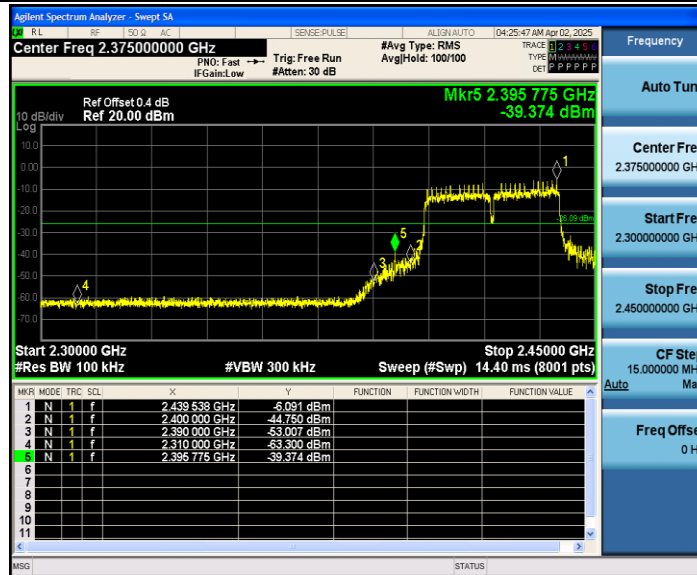
11N20SISO\_Ant1\_Low\_2412



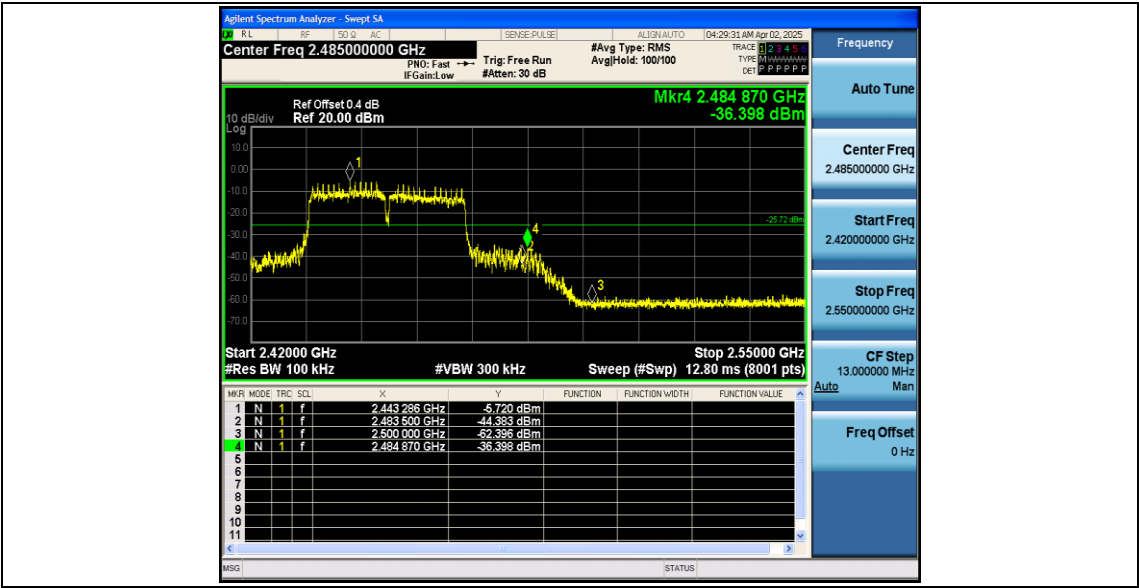
# 11N20SISO\_Ant1\_High\_2462



# 11N40SISO\_Ant1\_Low\_2422



# 11N40SISO\_Ant1\_High\_2452



## Appendix F: Conducted Spurious Emission

### Test Result

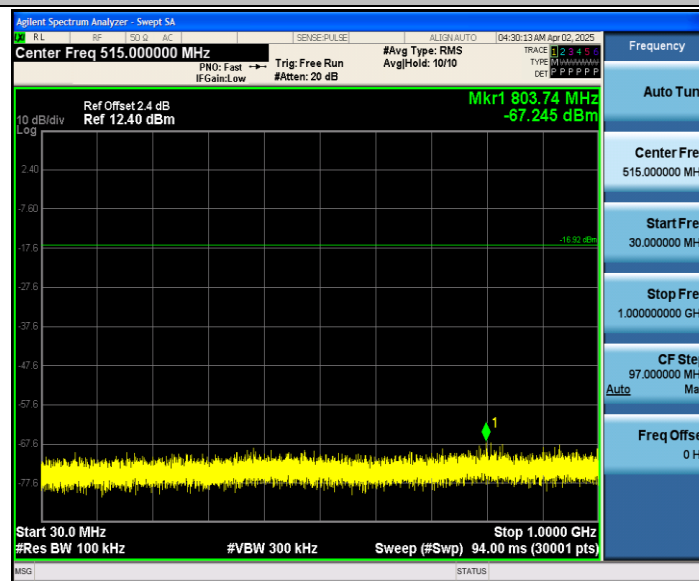
| TestMode  | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412           | Reference       | 3.08           | 3.08         | ---         | PASS    |
|           |         |                | 30~1000         | 3.08           | -67.25       | ≤-16.92     | PASS    |
|           |         |                | 1000~26500      | 3.08           | -41.19       | ≤-16.92     | PASS    |
|           |         | 2437           | Reference       | 2.61           | 2.61         | ---         | PASS    |
|           |         |                | 30~1000         | 2.61           | -67.9        | ≤-17.39     | PASS    |
|           |         |                | 1000~26500      | 2.61           | -38.19       | ≤-17.39     | PASS    |
|           |         | 2462           | Reference       | 1.94           | 1.94         | ---         | PASS    |
|           |         |                | 30~1000         | 1.94           | -67.19       | ≤-18.06     | PASS    |
|           |         |                | 1000~26500      | 1.94           | -32.19       | ≤-18.06     | PASS    |
| 11G       | Ant1    | 2412           | Reference       | -1.26          | -1.26        | ---         | PASS    |
|           |         |                | 30~1000         | -1.26          | -67.88       | ≤-21.26     | PASS    |
|           |         |                | 1000~26500      | -1.26          | -53.21       | ≤-21.26     | PASS    |
|           |         | 2437           | Reference       | -1.41          | -1.41        | ---         | PASS    |
|           |         |                | 30~1000         | -1.41          | -68.17       | ≤-21.41     | PASS    |
|           |         |                | 1000~26500      | -1.41          | -51.13       | ≤-21.41     | PASS    |
|           |         | 2462           | Reference       | -4.03          | -4.03        | ---         | PASS    |
|           |         |                | 30~1000         | -4.03          | -68.55       | ≤-24.03     | PASS    |
|           |         |                | 1000~26500      | -4.03          | -45.43       | ≤-24.03     | PASS    |
| 11N20SISO | Ant1    | 2412           | Reference       | -0.32          | -0.32        | ---         | PASS    |
|           |         |                | 30~1000         | -0.32          | -66.97       | ≤-20.32     | PASS    |
|           |         |                | 1000~26500      | -0.32          | -51.5        | ≤-20.32     | PASS    |
|           |         | 2437           | Reference       | -2.52          | -2.52        | ---         | PASS    |
|           |         |                | 30~1000         | -2.52          | -66.99       | ≤-22.52     | PASS    |
|           |         |                | 1000~26500      | -2.52          | -49.97       | ≤-22.52     | PASS    |
|           |         | 2462           | Reference       | -2.09          | -2.09        | ---         | PASS    |
|           |         |                | 30~1000         | -2.09          | -68.33       | ≤-22.09     | PASS    |
|           |         |                | 1000~26500      | -2.09          | -47.5        | ≤-22.09     | PASS    |
| 11N40SISO | Ant1    | 2422           | Reference       | -4.09          | -4.09        | ---         | PASS    |
|           |         |                | 30~1000         | -4.09          | -67.72       | ≤-24.09     | PASS    |
|           |         |                | 1000~26500      | -4.09          | -54.89       | ≤-24.09     | PASS    |
|           |         | 2437           | Reference       | -4.54          | -4.54        | ---         | PASS    |
|           |         |                | 30~1000         | -4.54          | -66.91       | ≤-24.54     | PASS    |
|           |         |                | 1000~26500      | -4.54          | -53.55       | ≤-24.54     | PASS    |
|           |         | 2452           | Reference       | -4.18          | -4.18        | ---         | PASS    |
|           |         |                | 30~1000         | -4.18          | -68.18       | ≤-24.18     | PASS    |
|           |         |                | 1000~26500      | -4.18          | -49.9        | ≤-24.18     | PASS    |

## Test Graphs

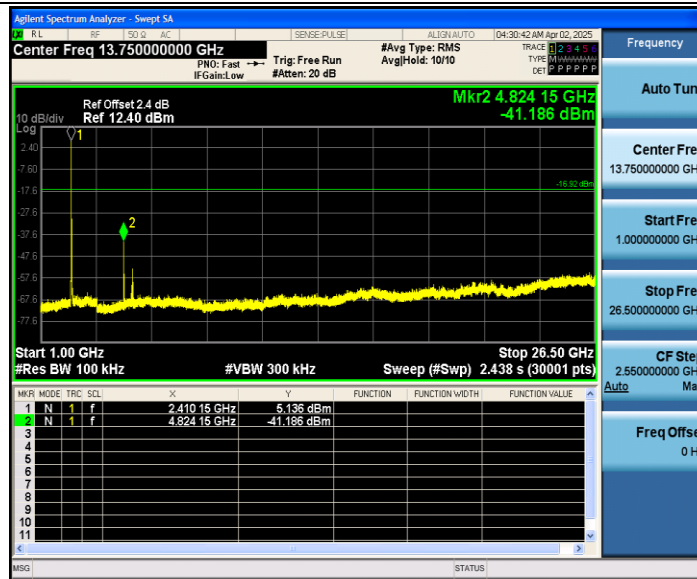
11B\_Ant1\_2412\_0~Reference



11B\_Ant1\_2412\_30~1000



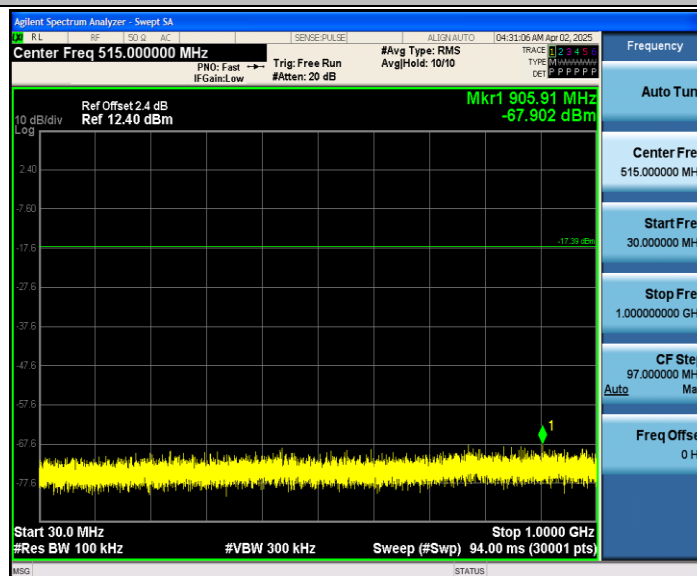
11B\_Ant1\_2412\_1000~26500



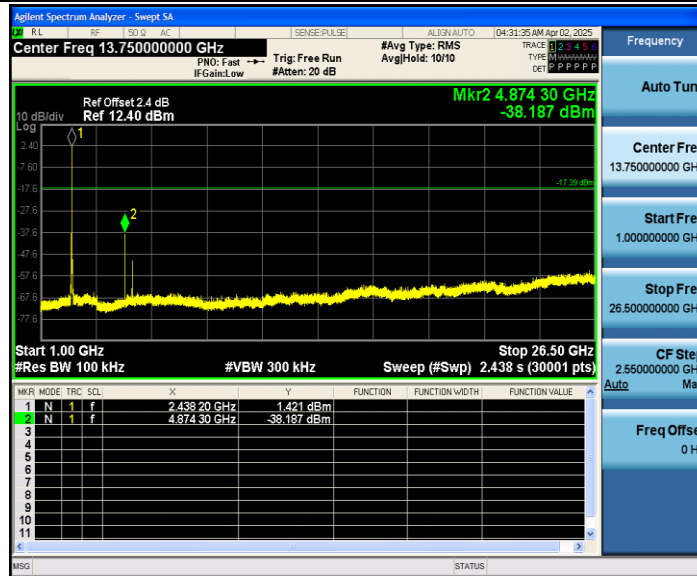
11B\_Ant1\_2437\_0~Reference



11B\_Ant1\_2437\_30~1000



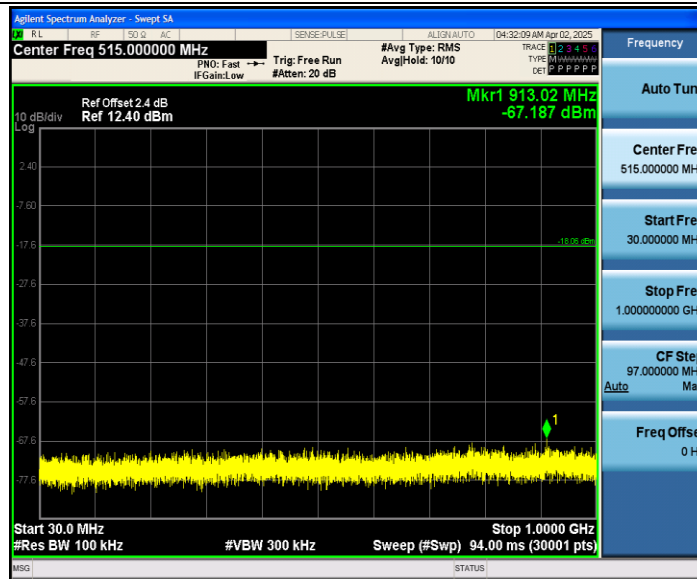
# 11B\_Ant1\_2437\_1000~26500



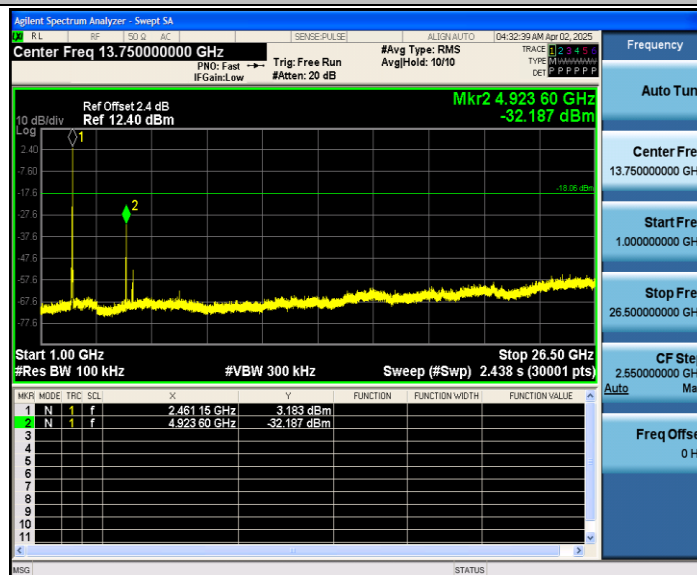
# 11B\_Ant1\_2462\_0~Reference



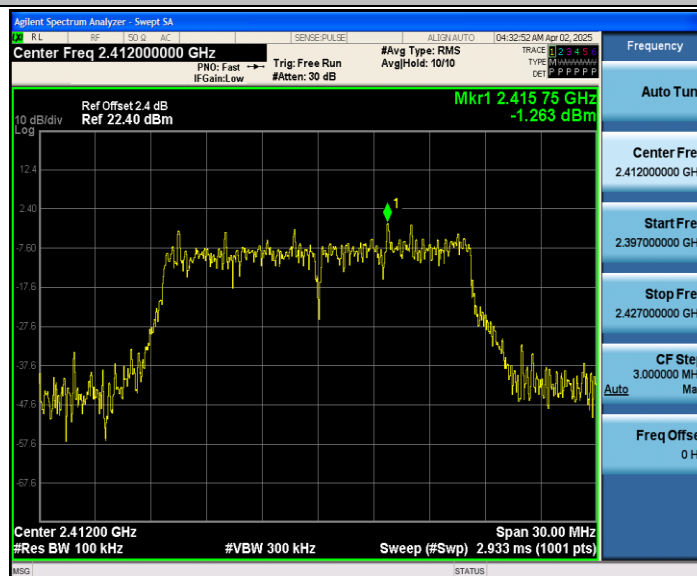
# 11B\_Ant1\_2462\_30~1000



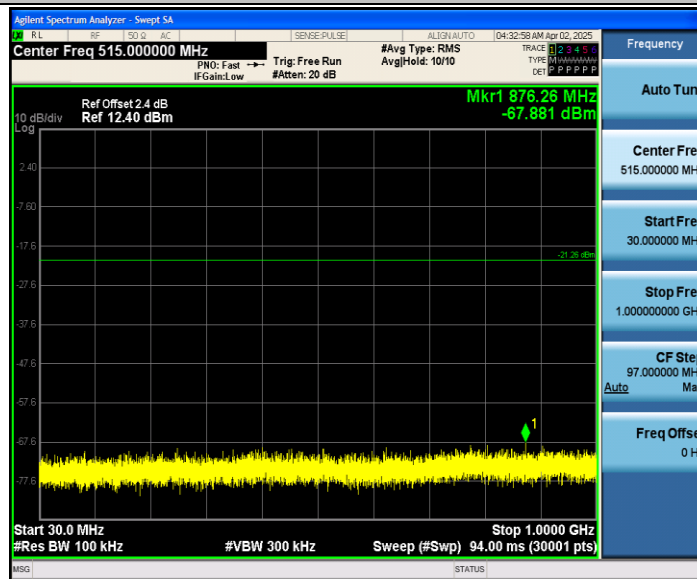
11B\_Ant1\_2462\_1000~26500



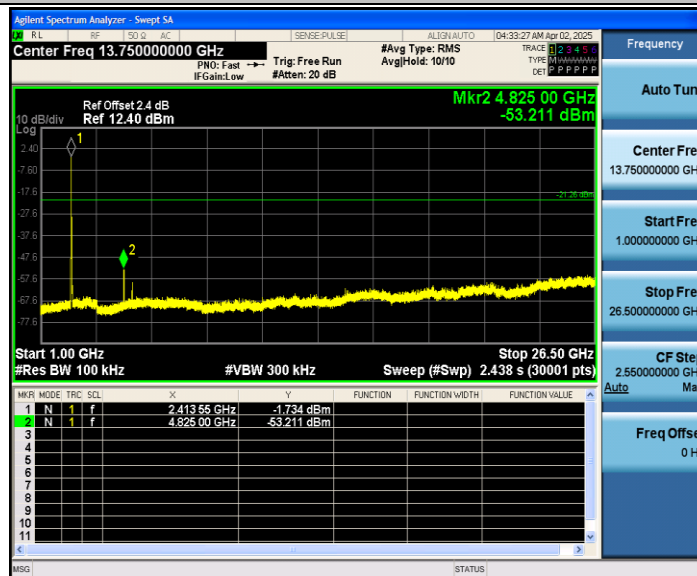
11G\_Ant1\_2412\_0~Reference



# 11G\_Ant1\_2412\_30~1000



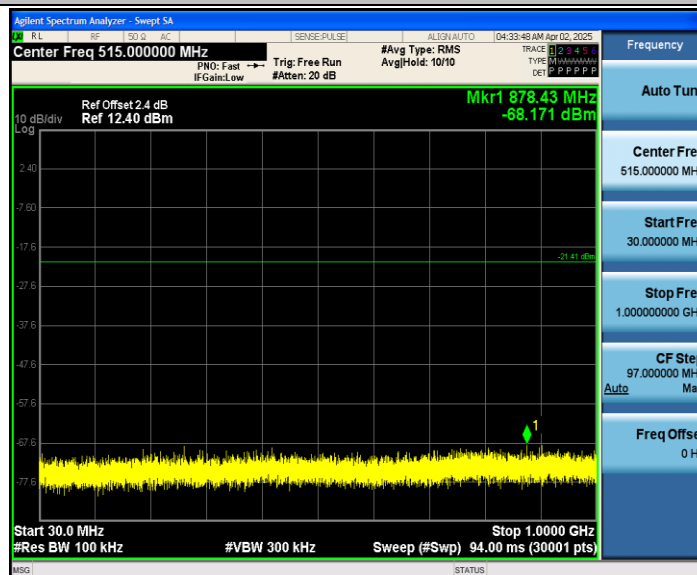
# 11G\_Ant1\_2412\_1000~26500



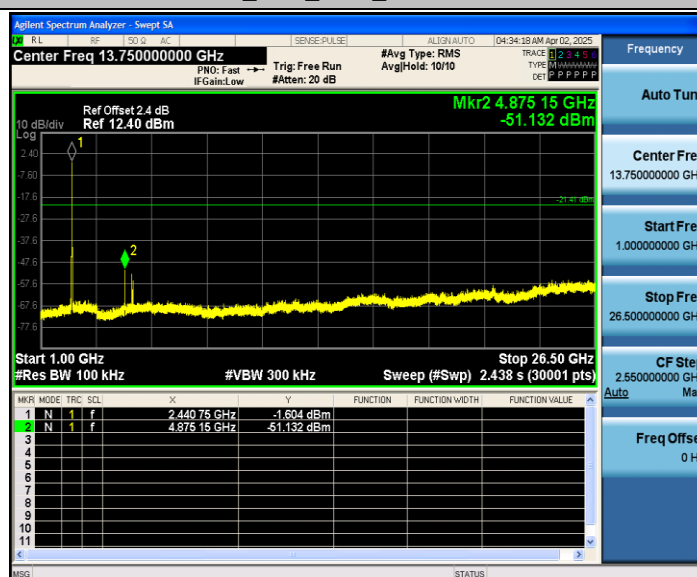
# 11G\_Ant1\_2437\_0~Reference



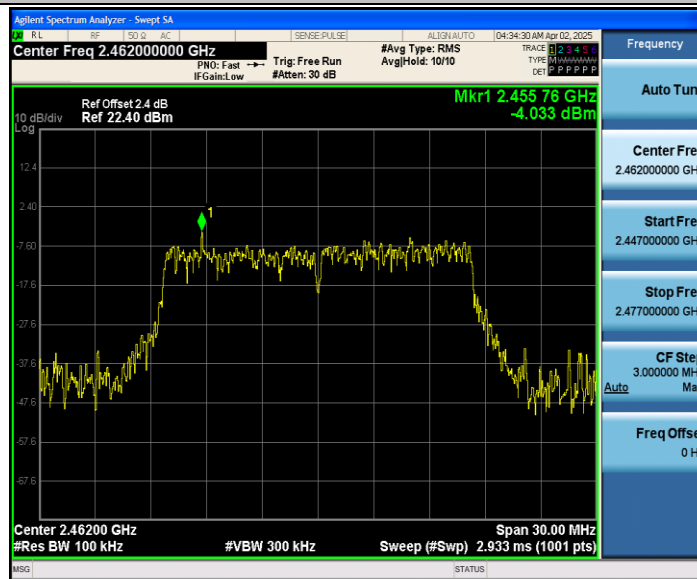
11G\_Ant1\_2437\_30~1000



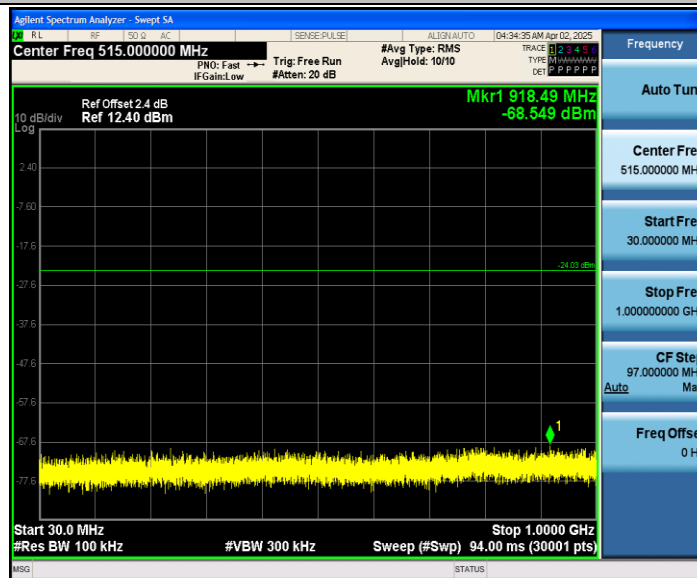
11G\_Ant1\_2437\_1000~26500



# 11G\_Ant1\_2462\_0~Reference



# 11G\_Ant1\_2462\_30~1000



# 11G\_Ant1\_2462\_1000~26500